

Patent
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device in the form of an array of alphabetic numeric buttons for providing data and wherein the communication facility has a capability to automatically provide terminal digital data, indicating a calling number, the analysis control system comprising:

interface structure coupled to the communication facility to interface the remote terminals for voice and digital communication and including means to provide caller data signals representative of data relating to the individual callers provided from the remote terminals or automatically provided by the communication facility with respect to the remote terminals prior to the close of communication with the caller, including caller social security number identification data entered by the caller via the digital input device and the terminal digital data indicative of a calling telephone number;

record testing structure connected to receive and test the caller data signals indicative of the terminal digital data representative of a calling telephone number and the caller social security number data against previously stored terminal digital data and caller social security number identification data; and

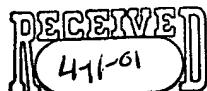
analysis structure for receiving and processing at least certain of the caller data signals for use in the select format, and based on the data relating to the individual callers that is provided from the remote terminals as part of the caller data signals, isolating a subset of callers and further processing data with respect to the isolated callers.

30. An analysis control system according to claim 29, wherein a caller further provides credit card number data as caller data signals.

31. An analysis control system according to claim 30, wherein the caller further provides expiration data with respect to said credit card number data.

32. An analysis control system according to claim 30, wherein the credit card number data provided by said caller is verified for use on-line.

33. An analysis control system according to claim 32, wherein the individual callers receive authorization on-line.

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34. An analysis control system according to claim 30, wherein the credit card number data is received as billing data.

35. An analysis control system according to claim 29, wherein the analysis structure further comprises a processor that generates data identifying an order and provides at least certain of the data to the individual callers.

36. An analysis control system according to claim 35, wherein the data identifying the order is number data.

37. An analysis control system according to claim 35 wherein the number data is provided as acknowledgement data to the individual callers.

38. An analysis control system according to claim 36 wherein the number data is provided to the individual callers in chronological sequence.

39. An analysis control system according to claim 29, wherein the terminal digital data are tested for the individual callers against negative file data for the individual callers that is previously stored.

40. An analysis control system according to claim 29, wherein the interface structure receives dialed number identification signals (DNIS) automatically provided by the communication facility to select one or a plurality of formats operated by the analysis control system.

41. A method for processing calls from individual callers in accordance with a select format, the method for use with a communication facility including remote terminals for individual callers, wherein each of the remote terminals comprises a telephonic instrument including a voice communication device and a digital input device in the form of an array of

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alphabetic numeric buttons for providing data and wherein the communication facility has a capability to automatically provide terminal digital data, indicating a calling number, the method comprising the steps of:

accomplishing an interface with the remote terminals for voice and digital communication via the communication facility and receiving caller data signals representative of data relating to the individual callers provided from the remote terminals or automatically provided by the communication facility with respect to the remote terminals prior to the close of communication with the caller, including caller social security number identification data entered by the caller via the digital input device and the terminal digital data indicative of a calling telephone number;

testing caller data signals indicative of the terminal digital data representative of a calling telephone number and the caller social security number data against previously stored terminal digital data and caller social security number data; and

processing at least certain of the caller data signals in accordance with a select format, and based on the data relating to the individual callers that is provided from the remote terminals as part of the caller data signals, isolating a subset of callers and further processing data with respect to the isolated callers.

42. A method according to claim 41, wherein a caller further provides credit card number data as caller data signals.

43. A method according to claim 42, wherein the caller further provides expiration data with respect to the credit card number data as caller data signals.

44. A method according to claim 42, wherein the credit card number data provided by said caller is verified for use on-line.

45. A method according to claim 44, wherein the individual callers receive authorization on-line.

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46. A method according to claim 42, wherein the credit card number data serves as billing data.
47. A method according to claim 41, further comprising the step of: generating data to identify an order and providing at least certain of the data to the individual callers.
48. A method according to claim 47, wherein the data identifying the order is number data.
49. A method according to claim 48 wherein the number data is provided as acknowledgement data to the individual callers.
50. An analysis control system according to claim 48 wherein the number data is provided to the individual callers in chronological sequence.
51. An analysis control system according to claim 41, wherein the terminal digital data are tested for the individual callers against negative file data that is previously stored.
52. An analysis control system according to claim 41, wherein the interface structure receives dialed number identification signals (DNIS) automatically provided by the communication facility to select one or a plurality of formats operated by the analysis control system.

REMARKS

By this preliminary amendment, Applicant is canceling claim 1, without prejudice, and introducing claims 29-52 for the Examiner's consideration. Applicant respectfully requests consideration of new claims 29-52, two of which are independent and the others depend from